

## **ABSTRACT**

A method for selecting an I/O buffer. The method includes providing a plurality of I/O buffers. Each one of the plurality of I/O buffers has a different performance characteristic. Each one of the plurality of I/O buffers is coupled to a receiving device through a corresponding one of a plurality of transmission lines. Each one of the plurality of buffers is driven by a logic signal. Each one of the transmission lines produces a corresponding series of output logic signals. The plurality of output signals is observed. The method includes selecting one of the plurality of I/O buffers in accordance with the observed output signals.

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